

PRODUCT DESCRIPTION

Weather Shield is a premium quality interior and exterior alkyd enamel that provides a durable and weather resistant decorative finish. This product is designed for use on trim, accents, and doors.

FEATURES

- Alkyd Durability
- Weather Resistant
- Washable
- Stain Resistant
- Superior Flow & Leveling
- Easy Application

PERFECT FOR

- Residential Homes
- Commercial Buildings
- Schools
- Hospitals

THIS PRODUCT MAY NOT BE AVAILABLE IN SOME AREAS DUE TO VOC REGULATIONS

SUBSTRATES & SYSTEM RECOMMENDATIONS

PREP Properly prepare all new or previously painted surfaces. See 'Surface Preparation' on Page 2 for detailed instructions.

PRIME	Prime surfaces with one coat recommended Kelly Moore primer.		
	SUBSTRATE	INTERIOR PRIMER	EXTERIOR PRIMER
	Drywall & Masonry	971 AcryPlex PVA	247 AcryShield Masonry Primer
	Wood & Hardboard	973 AcryPlex Undercoater	220 Weather Shield Primer
	Metal	1710/1711 Kel-Guard Primer	1710/1711 Kel-Guard Primer

PAINT	TOPCOAT	2 Coats	Weather Shield Semi-Gloss Enamel
	BRUSH		ROLL
	Synthetic Bristle		1/4" - 1/2" Premium Cover
			SPRAY
			2000-2500 PSI .013" - .015" Orifice Tip
	FILM THICKNESS		PRACTICAL COVERAGE
	3.0 - 4.0 Wet Mils 1.6 - 2.1 Dry Mils		250-400 sq ft/gal
			DRYING TIME
			@ 75°F & 50% R.H. Touch: 4 Hours Recoat: 24 Hours

See 'Application' on Pages 2 and 3 for additional product specifications and information.

Ask a local Kelly-Moore representative for additional system recommendations.

SPECIFICATIONS

RESIN TYPE Alkyd	FINISH Semi-Gloss 45-55 @ 60°	TEMPERATURE 50°F - 100°F	MEETS V.O.C. LIMITS FOR •National AIM
WEIGHT PER GALLON 11.1 ± 0.25 lbs.	SIZES AVAILABLE Quarts, 1 & 5 Gallons	CLEAN-UP Mineral Spirits	
SOLIDS BY VOLUME 52% ± 2%	BASES AVAILABLE White & Custom Tinted Colors	V.O.C. <380 g/L (per ASTM D6886)	

SURFACE PREPARATION

GENERAL All surfaces must be cured, firm, dry and cleaned free of dust, dirt, oil, grease, wax, chalk, rust, mildew or any other contamination or condition that would adversely affect the performance of the coating. Sand glossy, dense or glazed surfaces.*

NEW SURFACES All surfaces should be sound, free of contamination and dry. Wood surfaces should be sanded free of wood fibers. Wood should have a moisture content of less than 15% as measured by a moisture meter. Masonry and plaster should be thoroughly cured before priming. Masonry should have a moisture content of less than 12% as measured by a moisture meter.

NEW FERROUS METAL Follow general surface preparation guidelines. Remove all loose rust, mill scale, or deteriorated previously applied coatings by Hand Tooling (SSPC-SP-2) or Power Tool Cleaning (SSPC-SP-3).

NEW ALUMINUM & GALVANIZED METAL Wash thoroughly with TSP or other suitable cleaner/degreaser to remove oil and other contaminants. Rinse thoroughly.

PREVIOUSLY PAINTED SURFACES Remove any peeling, chalky or loosely adhering paint, sand to feather edges, dust clean (do not use tack rags). Sand glossy finishes.*

*See WARNING! below for existing leaded paint.

SAFETY INFORMATION

Avoid contact with eyes, skin and clothing. Do not take internally. Wash thoroughly after handling. Close container after each use. For additional safety information consult the Safety Data Sheet for this product.

USE ONLY WITH ADEQUATE VENTILATION

KEEP OUT OF REACH OF CHILDREN

For proper disposal of excess material, please contact your local city or county waste management agency.

WARNING!

If you scrape, sand or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1- 800-424-LEAD (5323) or log on to www.epa.gov/lead.

APPLICATION

MIXING Mix well before use. Purchase enough paint to complete your project at the same time. If additional paint is needed, retain some of the original material and intermix the paint before application or touch up.

THINNING This product has been formulated to comply with current regulations. DO NOT THIN.

DRYING Dry times are based on standard conditions of 75°F with a relative humidity of 50%. Lower temperatures or higher humidity may extend drying times. Provide adequate ventilation and air movement during and after painting.

TEMPERATURE Do not apply when material, air, and/or surface temperature is outside of the recommendations on page 1. Store at room temperature and protect from freezing.

COVERAGE May vary depending on method of application, porosity and texture of the surface.

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APPLICATION CONT.

NEW SURFACES Prime surfaces following primer recommendations on Page 1.

Two finish coats will provide a more even color and sheen. It will also help with touch-up and durability.

Backroll while spraying to ensure an even coat. Backrolling the prime coat will fill in porous surfaces. Backrolling the topcoat will reduce pinholes, create uniform sheen, and make for easier touch-up.

Avoid lap marks by maintaining a wet edge at all times. Re-wet your applicator before it starts to run dry; any light spots, when dried, may appear different than heavy spots in both color and sheen. An even coat is your goal.

Lay the paint on and leave it alone. Be sure to give paint an opportunity to flow and level after application.

This product is not intended for use on floors.

PREVIOUSLY PAINTED SURFACES Glossy surfaces should be completely dulled prior to painting.

Spot prime bare and patched areas or prime entire surface with a suitable Kelly-Moore product.

When making a significant color change, a primer is recommended to aid hide and appearance of the finish coating.

Follow application instructions for 'new surfaces' listed above.

STAIN BLOCKING When painting over stains or tannins, an appropriate primer is recommended before top coating.

For heavy stains, a second coat of primer may be required. 24 hours are required between all coats.

TEXTURED DRYWALL In a textured drywall system, seal the wallboard prior to applying texture. Follow system recommendations from Page 1 when painting over newly applied texture.

CAULKING When filling voids; prime the surface, then apply paintable patching, acrylic caulking, or siliconized acrylic caulking to the manufacturer's recommendations. Allow the caulking to fully dry, then apply the finish paint.

When sealing voids or joints with expected movement, prime and paint the surface. Allow the paint to fully dry, then apply acrylic or siliconized acrylic caulking. Clear or colored caulking is a good choice for this type of application.

Painting over caulking where substrate movement is present may cause cracking of the finish coating.

CONTAINERS AND TOOLS Transfer material into a clean container before use. Use new or thoroughly cleaned tools. To avoid contamination, do not re-dip applicators or add used material into containers being used for storage.

STORAGE Store material in a clean, tightly sealed container free of rollers, brushes, or other outside materials.

TESTING Prior to full application, apply a test patch to ensure the preparation and coating system are appropriate for the project. If test patch results do not meet the needs of the project, contact a Kelly-Moore representative for recommendations.

CURE Architectural coatings require up to 30 days after final application for full cure. Cure times vary depending on environmental conditions and air circulation. Full performance characteristics are achieved when coating has fully cured.

CLEANING Wait at least two weeks after application before attempting to clean or maintain the surface. Use a new soft cotton cloth or sponge with clean water to wipe the surface. If the surface has heavy dirt or stains, a mild detergent may be added to the water for cleaning.

LIMITED WARRANTY

The statements made on this bulletin, product labels or by any of our agents concerning this material are given for information only. They are believed to be true and accurate and are intended to provide a guide to approved construction practices and materials. As workmanship, weather, construction equipment, quality of other materials and other variables affecting results are all beyond our control, Kelly-Moore Paint Company, Inc., does not make nor does it authorize any agent or representative to make any warranty of MERCHANTABILITY OR FITNESS for any purpose or any other warranty, guarantee or representation, expressed or implied, concerning this material except that it conforms to Kelly-Moore's quality control standards. Any liability whatsoever of Kelly-Moore Paint Company, Inc. to the buyer or user of this product is limited to the purchaser's cost of the product itself.